



3333-1-US  
SEQUENCE LISTING

<110> Stallings, William C  
Shieh, Huey S  
Howard, Susan C  
DeCrescenzo, Gary A  
McDonald, Joseph J

<120> Method of Changing Conformation of a Matrix Metalloproteinase

<130> 3333/1/US

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<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 158

<212> PRT

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Asn Pro Lys Trp Glu Arg Thr Asn Leu Thr Tyr Arg Ile Arg Asn Tyr  
1 5 10 15

Thr Pro Gln Leu Ser Glu Ala Glu Val Glu Arg Ala Ile Lys Asp Ala  
20 25 30

Phe Glu Leu Trp Ser Val Ala Ser Pro Leu Ile Phe Thr Arg Ile Ser  
35 40 45

Gln Gly Glu Ala Asp Ile Asn Ile Ala Phe Tyr Gln Arg Asp His Gly  
50 55 60

Asp Asn Ser Pro Phe Asp Gly Pro Asn Gly Ile Leu Ala His Ala Phe  
65 70 75 80

Gln Pro Gly Gln Gly Ile Gly Gly Asp Ala His Phe Asp Ala Glu Glu  
85 90 95

Thr Trp Thr Asn Thr Ser Ala Asn Tyr Asn Leu Phe Leu Val Ala Ala  
100 105 110

His Glu Phe Gly His Ser Leu Gly Leu Ala His Ser Ser Asp Pro Gly  
115 120 125

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Ala Leu Met Tyr Pro Asn Tyr Ala Phe Arg Glu Thr Ser Asn Tyr Ser  
130 135 140

Leu Pro Gln Asp Asp Ile Asp Gly Ile Gln Ala Ile Tyr Gly  
145 150 155

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Ile Pro Lys Trp Arg Lys Thr His Leu Thr Tyr Arg Ile Val Asn Tyr  
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Thr Pro Asp Leu Pro Lys Asp Ala Val Asp Ser Ala Val Glu Lys Ala  
20 25 30

Leu Lys Val Trp Glu Glu Val Thr Pro Leu Thr Phe Ser Arg Leu Tyr  
35 40 45

Glu Gly Glu Ala Asp Ile Met Ile Ser Phe Ala Val Arg Glu His Gly  
50 55 60

Asp Phe Tyr Pro Phe Asp Gly Pro Gly Asn Val Leu Ala His Ala Tyr  
65 70 75 80

Ala Pro Gly Pro Gly Ile Asn Gly Asp Ala His Phe Asp Asp Asp Glu  
85 90 95

Gln Trp Thr Lys Asp Thr Thr Gly Thr Asn Leu Phe Leu Val Ala Ala  
100 105 110

His Glu Ile Gly His Ser Leu Gly Leu Phe His Ser Ala Asn Thr Glu  
115 120 125

Ala Leu Met Tyr Pro Leu Tyr His Ser Leu Thr Asp Leu Thr Arg Phe  
130 135 140

Arg Leu Ser Gln Asp Asp Ile Asn Gly Ile Gln Ser Leu Tyr Gly  
145 150 155

<210> 3  
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<212> PRT  
<213> human

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Asn Pro Arg Trp Glu Gln Thr His Leu Thr Tyr Arg Ile Glu Asn Tyr  
 1 5 10 15

Thr Pro Asp Leu Pro Arg Ala Asp Val Asp His Ala Ile Glu Lys Ala  
 20 25 30

Phe Gln Leu Trp Ser Asn Val Thr Pro Leu Thr Phe Thr Lys Val Ser  
 35 40 45

Glu Gly Gln Ala Asp Ile Met Ile Ser Phe Val Arg Gly Asp His Arg  
 50 55 60

Asp Asn Ser Pro Phe Asp Gly Pro Gly Gly Asn Leu Ala His Ala Phe  
 65 70 75 80

Gln Pro Gly Pro Gly Ile Gly Gly Asp Ala His Phe Asp Glu Asp Glu  
 85 90 95

Arg Trp Thr Asn Asn Phe Arg Glu Tyr Asn Leu His Arg Val Ala Ala  
 100 105 110

His Glu Leu Gly His Ser Leu Gly Leu Ser His Ser Thr Asp Ile Gly  
 115 120 125

Ala Leu Met Tyr Pro Ser Tyr Thr Phe Ser Gly Asp Val Gln Leu Ala  
 130 135 140

Gln Asp Asp Ile Asp Gly Ile Gln Ala Ile Tyr Gly  
 145 150 155

**CERTIFICATE OF MAILING**

I hereby certify that this is being deposited with the United States Postal Service  
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Quida K. Cooper